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MIL'MAN, Yu.V.; TREFILOV, V.I.

Paramagnetic susceptibility of alloys on the basis of chromium. Ukr.
fiz. zhur. 9 no.7:794-795 J1 '64. (MIRA 17:10)

1. Institut metallofiziki AN UkrSSR, Kiyev.

NOISEYEV, V.F.; TREFILOV, V.I.

Spatial form of twins in metals. Fiz. met. : metallog. 10
no.1:129-130 Ja '65. (MIRA 13...)

1. Institut metallofiziki AN UkrSSR.

SOURCE: AMSSSE. Nauchnyy svet za granitsy. The encyclopedia of science.

(continued)

TOPIC TAGS: metal X-ray analysis; instantaneous stress; steel structure transformation

ABSTRACT During investigations of phase and structural changes in metallic high speed

and the bottom of the water column. The water column is divided into three layers: the upper layer, the middle layer, and the lower layer. The upper layer is the most transparent and contains the least amount of sediment. The middle layer is the most turbid and contains the most sediment. The lower layer is the least transparent and contains the least amount of sediment.

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L 20882-65
ACCESSION NR: AT4046873

is the transformation of the angular distribution of intensity of interference lines into
changes in impedance. A working unit has been designed (see Fig. 2 of the Enclosure) for

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DRACHINSKY, A.S.; TREFILOV, V.I.

Conditions of metal fracture. Sbor. nauch. rab. Inst.
metallofiz. AN URSR No.18:22-25 '64. (MIRA 17:8)

GRIDNEV, V.N.; MINAKOV, V.N.; TREFILOV, V.I.

Mechanism of the formation of austenite at high rates of
heating. Sbor. nauch. rab. Inst. metallofiz. AN URSR no.18:
107-114 '64. (MIRA 17:8)

MINAKOV, V.N.; TREFILOV, V.I.

Effect of plastiv deformation on the temperature of the start of
martensite transformations. Sbor. nauch. rab. Inst. metallofiz.
AN URSR no.17:166-169 '63. (MIRA 17:3)

TREFILOV, V.I.; MIL'MAN, Yu.V.

Mechanism of the plastic deformation of bismuth and antimony.
Sbor. nauch. rab. Inst. metallofiz. AN URSR no.17:32-44 '63.

Mechanism of the plastic deformation of bismuth and antimony.
Ibid.:45-49 (MIRA 17:3)

TREPILOV, V.I.; MIL'MAN, Yu.V.

Determination of the microhardness of metals at low temperatures
under a layer of cooling liquid. Zav.lab. 30 no.4:484-485
'64. (MIRA 17:4)

1. Institut metallofiziki AN UkrSSR.

AM4017086

BOOK EXPLOITATION

S/

Gertsriken, S. D.; Dekhtyar, I. Ya.; Krivoglaz, M. A.; Larikov, L. N.; Ly*sk,
L. I.; Nosterenko, Ye. G.; Novikov, N. N.; Sosnina, Ye. I.; Slyuzar, N. P.;
Tikhonov, L. V.; Trofilov, V. I.; Chuistov, K. V.

Physical bases of the strength and ductility of metals (Fizicheskiye osnovy*
prochnosti i plastichnosti metallov) Moscow, Metallurgizdat, 1963. 321 p.
illus., biblio. Errata slip inserted. 4250 copies printed. Editor of the
publishing house: Ye. N. Borlin; Technical editor: L. V. Dobuzhinskaya;
Bindery artist: Yu. M. Vashchenko

TOPIC TAGS: strength of metals, ductility, crystal lattice, dislocations, metal
failure, strain hardening, solid solution, microstress, lattice defect, plastic
strain, relaxation, polygonization, recrystallization, grain growth

PURPOSE AND COVERAGE: This collection of articles is intended for scientific
personnel and for engineers and metals physicists; it also may be useful to stu-
dents at metallurgical and machine-building vuzes. The results of study of
crystal-lattice imperfections and the dislocation theory of metal failure are

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presented. Contemporary concepts of the nature and mechanism of different weakening processes in metals are expounded, as well as present-day thinking concerning the effect of impurities on the kinetics of the weakening processes. The articles in this collection are principally the original results of research performed in recent years at the Institut Metallofiziki AN USSR.

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1. Relaxation, polygonization, recrystallization, and grain growth (L. N. Larikov)
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SUB CODE: ML, AP

SUBMITTED: 23Aug63

NR REF SOV: 253

OTHER: 463

DATE ACQ: 17Jan64

Card 3/3

DRACHINSKIY, A.S.; MOISEYEV, V.F.; TREFILOV, V.I.

Dependence of the type of plastic deformation (slip, twinning)
on the grain size in polycrystalline iron. Dokl. AN SSSR 154
no.5:1078-1081 F'64. (MIRA 17:2)

1. Institut metallofiziki AN UkrSSR. Predstavleno akademikom
G.V.Kurdyumovym.

TREFILOV, V.I.; MIL'MAN, Yu.V.

Characteristics of the plastic deformation of crystals
with covalent bonds. Dokl. AN SSSR 153 no.4:824-827 D '63.
(MIRA 17:1)

1. Institut metallofiziki AN UkrSSR. Predstavleno akademi-
kom G.V. Kurdyumovym.

AVDEYENKOVA, L.M.; KOROL'KOV, N.V.; MAKSIMOVA, V.N.; TREFILOV,
V.I.; ORLOVA, I.A., red.; KORKINA, A.I., tekhn. red.

[Large-capacity (permanent) memory devices for digital
computers; some design principles] Dolgovremennye
(postoiannye) zapominaiushchie ustroistva dlia TsVM;
nekotorye printsipy postroeniia. Moskva, VTs AN SSSR,
1963. 53 p. (MIRA 17:1)
(Electronic calculating machines—Memory systems)

GERTSRIKEN, S.D. [deceased]; DEKHTYAR, I.Ya.; KRIVOGLAZ, M.A.;
LARIKOV, L.N.; LYSAK, L.I.; NESTERENKO, Ye.G.; NOVIKOV,
N.N.; SOSNINA, Ye.I.; SLYUSAR, B.F.; TIKHONOV, I.V.;
TREFILOV, V.I.; CHUISTOV, K.V.; BERLIN, Ye.N., red. izd-va;
DOBUZHINSKAYA, L.V., tekhn. red.

[Physical principles of the strength and plasticity of metals]
Fizicheskie osnovy prochnosti i plastichnosti metallov. [By]
S.D. Gertsriken i dr. Moskva, Metallurgizdat, 1963. 321 p.
(MIRA 16:12)

(Physical metallurgy)

DRACHINSKIY, A.S.; TREFILOV, V.I.

Changes of elastic moduli in the elastic deformation range. Sbor.
nauch. rab. Inst. metallofiz. AN URSR no.15:179-187 '62. (MIRA 15:12)
(Elasticity) (Deformations (Mechanics))

MIL'MAN, Yu.V.; TREFILOV, V.I.

Cold brittleness temperature of metals with a volume-centered
cubic lattice. Sbor. nauch. rab. Inst. metallofiz. AN URSR (MIRA 16:5)
no. 16:16-21 '62. (Metals--Brittleness) (Crystal lattices)

GRIDNEV, V.N.; TAFALOVSKIY, V.A.; TREFILOV, V.I.

Formation of the ω - phase in hafnium-base alloys. Sbor. anuch. rab.
Inst. metallofiz. AN URSR no. 15:188-191 '62. (MIRA 15:12)
(Hafnium alloys—Metallography) (Phase rule and equilibrium)

TREFILOV, V.I.

Dislocation theory of brittle failure. Sbor. nauch. rab. Inst.-
metallofiz. AN URSR no.16:3-15 '62. (MIRA 16:5)
(Dislocations in metals) (Metals--Brittleness)

GRIDNEV, V.N.; MESHKOV, Yu.Ya.; TREFILOV, V.I.

Some technological problems in the electric tempering of steel.
Sbor. nauch. rab. Inst. metallofiz. AN URSR no.16:198-204 '62.
(MIRA 16:5)

(Steel--Heat treatment) (Tempering)

GRIDNEV, V.N.; LOTSKO, D.V.; TREFILOV, V.I.; CHERNENKO, N.F.

Nature of changes in the physical properties of titanium alloys in
the 100-400° temperature range. Sbor. nauch. rab. Inst. metallofiz.
(MIRA 15:12)
AN URSR no.15:192-200'62.
(Titanium alloys—Metallogarphy)(Metals at high temperatures)

TREFILOV, V.N.

Toxicity of hexogen. Trudy GIGT no.9:49-57 '62. (MIRA 17:9)

TREFILOV, V.S., dotsent (Leningrad)

Blood gases and hemodynamics in some chronic nonspecific pulmonary
diseases. Kaz. med. zhur. no.6:85 N-D '60. (MIRA 13:12)
(BLOOD, GASES IN) (LUNGS—DISEASES)

TREFILOV, V. S.

Feb 1948

USSR/Medicine - Influenza
Medicine - Blood Pressure

"Condition of the Cardiovascular System during Influenza and Influenzal Pneumonia,"
P. M. Levina, V. S. Trefilov, L. B. Mel'man, Ye. B. Flegontova, Preliminary
Therapeutic Clinic, Leningrad State ~~Podsgolov~~ Med Inst, 8 pp

"Klin Medits" Vol XXVI, No 2

Discusses arterial and venal pressures, results of capillaroscopic examination, and
electrocardiographic changes observed in cases of influenza and influenzal pneumonia.
Deputy of Preliminary Therapeutic Clinic: Prof S. A. Kofman.

PA47T63

YERMACHENKO, Ya.N.; TREFILOV, V.V.

Device for fastening rubber inserts to the packing washers of
LM-57 streetcar wheels. Rats. predl. na gor. elektrotransp.
no.9:42-43 '64. (MIRA 18:2)

1. Depo im. Konyashina Tramvayno-trolleybusnogo upravleniya
Leningrada.

NAKHODKIN, G.A.; TREFILOVA, G.V.; IVANOV, B.Ye.

Preparation of adhesives from settled gas producer tar. Gidroliz.
(MIRA 14:4)
i lesokhim.prom. 14 no.3:16-18 '61.

1. Izhevskiy metallurgicheskiy zavod (for Nakhodkin and Trefilova).
2. Izhevskiy mekhanicheskiy institut (for Ivanov).
(Adhesives) (Wood tar)

GORDON, L.V.; NOSOVA, N.I.; TREFILOVA, G.V.; FREYDMAN, V.V.

Extraction of pyrocatechol from settled gas producer wood tar
by means of its washing and obtaining of tar oils and phenols
from the washed tar. Sbor.trud.TSNILKHI no.14:26-31 '61.
(MIRA 16:4)

(Pyrocatechol)

(Phenols)

(Wood tar)

BOYARCHENKOV, M.A.; VOLODIN, V.S.; KREBNIKOV, F.I.; KOZLOV, G.D.; SUBBOTINA,
G.V.; TREFILOVA, I.S.

All-Union conference on magnetic elements of automatic and remote
control and computer techniques. Avtom. i telem. 19 no.6:614-620
Je '58. (MIRA 11:6)

(Automatic control—Congresses)
(Magnetic amplifiers)

POSTOVSKIY, I.Ya.; TREFILOVA, L.P.; SHEYNKER, Yu.N.; BOGOMOLOV, S.G.

Coplanar position of phenyl radicals in biphenyl derivatives.
Fiz. sbor. no.3:388-390 '57. (MIRA 11:8)

1. Ural'skiy politekhnicheskiy institut im. S.M. Kirova.
(Biphenyl--Spectra) (Stereochemistry)

PRIKHOTKO, A.F.

24(7)

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PHASE I BOOK EXPLOITATION SOV/1365

L'vov. Universitet

Materialy I Vsesoyuznogo soveshchaniya po spektroskopii. t. 1: Molekulyarnaya spektroskopiya (Papers of the 10th All-Union Conference on Spectroscopy. Vol. 1: Molecular Spectroscopy) [L'vov] Izd-vo L'vovskogo univ-ta, 1957. 499 p. 4,000 copies printed. (Series: Its: Fizichnyy sbirnyk, vyp. 3/8/)

Additional Sponsoring Agency: Akademiya nauk SSSR. Komissiya po spektroskopii. Ed.: Jazer, S.L.; Tech. Ed.: Saranyuk, T.V.; Editorial Board: Lavitsberg, G.S., Academician (Resp. Ed., Deceased), Nenorent, B.S., Doctor of Physical and Mathematical Sciences, Pabelinskiy, I.L., Doctor of Physical and Mathematical Sciences, Fabrikant, V.A., Doctor of Physical and Mathematical Sciences, Kornitakiz, V.G., Candidate of Technical Sciences, Rayakiy, S.M., Candidate of Physical and Mathematical Sciences, Klimovskiy, L.K., Candidate of Physical and Mathematical Sciences, Miliyanchuk, V.S., A. Ye., Candidate of Physical and Mathematical Sciences.

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Postovskiy, I. Ya., L.F. Trifilova, Yu. N. Sheynker, and S.G. Bogomolov. Coplanarity of Phenol Mucel in Diphenyl Derivatives

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Yegorov, Yu. P., and Ye. A. Chernyshev. Spectra of Silicoorganic Compounds With an Aromatic Ring

390

Gerasimov, P.M., I.A. Tel'tevskiy, S.V. Nemelov, and V.P. Sergeev. Nucleotides in the Range From 2.5 to 600 Microns

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Kiselev, B.A. Double Monochromator With Diffraction Gratings

397

Yaroslavskiy, N.G., B.A. Zheludov, and A. Ye. Stanevich. Methods and Apparatus for Registration of Long-wave Infrared Spectra

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L.F. TREFILOVA, ~~Yu.N.~~

B-4

USSR/Physical Chemistry - Molecule, Chemical Bond.

Abs Jour : Referat Zhur - Khimiya, No 1, 1958, 124

Author : I.Ya. Postovskiy, L.F. Trefilova, Yu.N. Sheynker, S.G. Bogomolov.

Inst : Academy of Sciences of USSR

Title : Non-Coplanarity of Phenyl Nuclei in Diphenyl Derivatives.

Orig Pub : Dokl. AN SSSR, 1957, 113, No 2, 347-350

Abstract : The infrared spectra of diphenyl-n-anisylketone (I), diphenyl-n-aminophenylketone (II), n-metoxydiphenylphenylketone (III), n-aminodiphenylphenylketone (IV) and corresponding benzophenones in crystalline state and in dioxane solution were studied in the region from 2 to 14 μ . In view of the frequency change of the val. osc. of the C O link, it is concluded that the influence of the groups OCH_3 and NH_2 across the diphenyl system in III and IV is

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USSR/Physical Chemistry - Molecule, Chemical Bond.

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Abs Jour : Ref Zhur - Khimiya, No 1, 1958, 124

weaker than the influence of these groups in I and II. The polarographic measurements also indicate the decrease of the coupling across the diphenyl system; the half-wave potential in III and IV shifts to the side of positive magnitude. In the author's opinion, the spectral and polarographic data indicate the non-coplanarity of diphenyl in studied compounds in solutions, as well as in crystalline state.

Card 2/2

TRZFILOVA, L.F.; POSTOVSKIY, I.Ya.

Some derivatives of diphenyl and their tuberculostatic activity.
Dokl. AN SSSR 114 no.1:116-119 My '57. (MIRA 10:7)

1. Ural'skiy politekhnicheskii institut im. S.M. Kirova. Pred-
stavleno akademikom I.N. Nazarovym.
(Biphenyl) (Tuberculosis--Research)
(Chemistry, Medical and pharmaceutical)

SUBBOTINA, G.V.; TREFILOVA, I.S.

List of foreign literature on magnetic elements of automatic control, remote control, and computer engineering for 1960. Avtom. i telem. 23 no.5:688-710 My '62. (MIRA 15:5)

(Bibliography--Automatic control)

(Bibliography--Remote control)

(Bibliography--Electronic calculating machines)

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SOV/103-21-2-14/14

AUTHORS: Subbotina, G. V. and Trefilova, I. S.

TITLE: Bibliography. A List of Literature for 1958 on the Magnetic Elements of Automation, Telemechanics, and Computing Technology. (Continued from Avtomatika i Telemekhanika, Nr 1, 1960. Our Abstract 77491, SOV/103-21-1-22/22

PERIODICAL: . Avtomatika i telemekhanika, 1960, Vol 21, Nr 2, pp 271-278 (USSR)

ABSTRACT: This list contains 5 topical groupings of articles that have appeared in various foreign publications in 1958. The title of each article and the name of publication is given in its original language with a Russian translation added. A breakdown of the groupings is as follows: Magnetic amplifiers: Theories, diagrams, computation: (a) Single track magnetic amplifiers; there are 9 U.S., 1 U.K., 1 German, 1 Rumanian, and 2 French articles listed. (b) Push-pull magnetic

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Bibliography. A List of Literature
for 1958 on the Magnetic Elements of
Automation, Telemechanics, and Computing
Technology.

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amplifiers; there are 7 U.S. and 1 U.K. articles listed. (c) Multistage amplifiers; there are 4 U.S. articles listed. (d) Multiphase amplifiers; there are 1 U.K. and 2 U.S. articles listed. (e) Amplifiers of alternating current and high-frequency; there are 6 U.S. articles listed. (6) Voltage magnetic amplifiers, Modulators, Sondes (magnetometers): There are 9 U.S., 1 German, and 1 U.K. articles listed. (7) Magnetic elements of discrete action: (a) Books and dissertations. (b) Review and adaptation of discrete elements in control and computation systems; there are 42 U.S., 4 U.K., 3 French, and 3 German articles listed. (c) Elements as magnetic amplifiers with a feedback; There are 5 U.S., 1 Japanese, and 2 U.K. articles listed. (d) Hysteresis elements; There are 2 U.K. and 3 U.S. articles listed. (e) Ferro-resonance elements; there is 1 U.S. article listed. (f) Magnetic-transistor elements; there is 1 U.S. article listed. (8) Magnetic generators and frequency changers; there are 1 Roumanian, 1 German, and 5 U.S. articles listed. (9) Magnetic measurements and methods of experimenting with magnetic elements; there are 15 U.S., 1 Polish, 3 U.K. and 4 German articles listed.

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PHASE I BOOK EXPLOITATION

SOV/2338

Magnitnyye elementy avtomatiki, telemekhaniki i vychislitel'noy tekhniki;
annotirovanny ukazatel' literatury za 1957 god (Magnetic Components in
Automatic Control, Telematics, and Computers;; Annotated Index of Literature
for 1957) no. 1. Moscow, Izd-vo "Sovetskoye radio," 1959. 69 p. Nr 1. of
copies printed not given.

Compilers: G.V. Subbotina, Candidate of Technical Sciences, and I.S. Trefilova,
Eds.: M.A. Rozenblat, Doctor of Technical Sciences, Professor, and K.I. Kuchumova;
Tech. Ed.: B.V. Smurov.

PURPOSE: This index is intended for engineering and technical personnel and others
interested in the theory, development, and application of various magnetic compo-
nents,

COVERAGE: According to its authors, the index is the first attempt at publishing an
annotated bibliography on magnetic amplifiers and other magnetic components used
in automatic and remote control systems and in computers. The index includes a
list of basic Soviet and non-Soviet works published in 1957 and contains mono-
graphs, textbooks, collections of articles, works of institutes, and booklets ,

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Magnetic Components in Automatic Control (Cont.)

as well as Soviet dissertations, articles in periodicals, and Soviet and some non-Soviet patents, announcements concerning which appeared in 1957. The 383 works listed in the index are divided into nine basic sections according to subject, with further subdivisions in more detail. The numerical sequence of sources follows the alphabetic sequence of authors in each sub-chapter, the Soviet authors appearing first with the non-Soviet following. No personalities are mentioned.

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Magnetic Components in Automatic Control (Cont.)

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SUBBOTINA, G.V., kand.tekhn.nauk; TREFILOVA, I.S., kand.tekhn.nauk;
ROZENBLAT, M.A., prof., doktor tekhn.nauk, red.; KUCHUMOVA,
K.I., red.; SMUROV, B.V., tekhn.red.

[Magnetic elements in automatic control, telemechanics, and
computers; annotated list of literature for the year 1957]
Magnitnye elementy avtomatiki, telemekhaniki i vychislitel'noi
tekhniki; annotirovannyi ukazatel' literatury za 1957 god.
Moskva, Izd-vo "Sovetskoe radio." No.1. 1959. 68 p.

(MIRA 12:9)

(Electric engineering)

SUBBOTINA, G.V.; TREFILOVA, I.S.

Bibliography on magnetic elements of automatic and remote control
and computer technology for 1959. Avtom. i telem. 21 no.10:1436-
1450 0 '60. (MIRA 13:10)

(Bibliography--Automatic control)
(Bibliography--Electronic calculating machines)

SUBBOTINA, G.V.; TREFILOVA, I.S.

List of foreign literature using magnetic elements of automatic control, remote control, and computer engineering for 1959. Avtom. i telem. 22 no.3:413-423 Mr '61. (MIRA 14:9)
(Bibliography--Automatic control) (Bibliography--Remote control)
(Bibliography--Electronic calculating machines)

TREFILOVA, L.F., Doc Chem Sci -- (diss) "On the chemistry of biphenyl. Concerning the spatial ^{structure} ~~construction~~ of certain ketones and aldehydes of biphenyl. Synthesis of certain derivatives of ~~production~~ 4-aminobiphenyl and their tuberculostatic ~~in~~ properties." Sverdlovsk, 1958, 14 pp with graphs (Min of higher Education USSR. Ural Polytechnic Inst im A.S.M. Kirov) 100 copies (KL, 29-58, 129)

- 16 -

USSR/Chemistry - Photochemistry

Card 1/1 Pub. 151 - 34/36

Authors : Vladimirtsev, I. F.; Postovskiy, I. Ya.; and Trefilova, L. F.

Title : Steric hindrances and properties of certain aryl amino naphthoquinones

Periodical : Zhur. ob. khim. 24/1, 181-187, Jan 1954

Abstract : The attitude of N-ethylated and N-acetylated derivatives of 2-anilino-3-halogenonaphthoquinone-1,4 was investigated when exposed to light. It was found that ethylated and acetylated products when exposed to sun light separate the ethyl or acetyl groups and convert into non-substituted products. Increased reactivity of the halide atom in position 3 was found to be another prominent characteristic of ethylated and acetylated compounds. The photochemical separation of groups in the nitrogen atom and the increased reactivity of halide atoms in ethylated and acetylated products is explained by the presence of steric hindrances in their molecules. The origin of the steric hindrances is elucidated. Six references: 4-USSR; 1-German and 1-USA (1884-1952). Table.

Institution : The S. M. Kirov Ural Polytechnicum

Submitted : July 11, 1953

TREFILOVA, L.F.
AUTHOR POSTOVSKIY I.I., TREFILOVA L.F., SHEYNKER YU.N., ~~XXXXXXXXXX~~
TITLE BOGOMOLOV S.G. 20-2-29/67
PERIODICAL On Non Coplanar Nature of Phenyl Nuclei In Diphenyl Derivatives.
 (O nekoplanarnosti fenilnykh yader v proizvochyykh difenila -Russian)
 Doklady Akademii Nauk SSSR, 1957, Vol 113, Nr 2, pp 347-350 (U.S.S.R.)
 Received 6/1957 Reviewed 7/1957
ABSTRACT It was ascertained that in the crystalline diphenyl molecule the phenyl nuclei lie in one and the same plane despite a partial superposition of the hydrogen atmospheres (which are in ortho-position). The coplanarity of this compound is obviously caused by special conditions of the molecule package in the crystal, on which occasion the energy of a slight sphere compression of the hydrogen atoms is compensated by the convenient plane position. At the same time it is known that in the liquid and gaseous phase the diphenyl nuclei are not coplanar. This is also true for a number of n- and n'-diphenyl-substitutes in solutions in the case of lacking substituents in ortho-positions. So far, however, specifications the structure of such derivatives in crystalline condition are lacking. The authors spectroscopically investigated crystals of the diphenyl ketones within the infra-red domain. Structure formulas for the substances I.-IV. are given. In the I. and III.: The electron-giving influence of the methoxyl and the amino groups on the ketone group is transmitted on diphenyl-n-anisyl-ketone and diphenyl-n-aminophenyl-ketone by phenyl

Card 1/3

On Non Coplanar Nature of Phenyl Nuclei In Diphenyl
Derivatives.

20-2-29/67
~~EX-100-930~~

cycles, whereas in the II. and IV.: This influence is transmitted on n-metoxydiphenyl-ketone and n-aminodiphenyl-phenylketone by the diphenyl system. The assumption had to be examined that in the case of a noncoplanarity of the phenyl nuclei in diphenyl the mutual influence of the metoxy- and amino-groups with the carbonyl group in the compounds II. and IV. will be smaller in consequence of the destruction of the conjugation than in the compounds I. and III. As known, the frequency of the valence fluctuation of the carbonyl group in the direction of long waves becomes more dislocated the further the π -electron interaction of the carbonyl group with other electron-giving groups of the molecule increases. Accordingly the oscillation frequency of the carbonyl group in the compound I will have to be smaller than in the compound II. and the oscillation frequency in III. smaller than in IV. Also polarographical determinations in a dioxane solution (as far as soluble) were carried out. Furthermore the corresponding benzophenones were investigated. As evident from schedule 1 the influence of the electron-giving group OCH_3 becomes manifest in the lowering of the characteristic oscillation frequency of the C=O -group. The NH_2 -group has a similar effect. From the results of the infrared spectra it can be concluded that the reciprocal influence of the groups in the ketones I and II both in solutions and in crystalline condition is less distinguished by the diphenyl system than in the

Card 2/3

On Non Coplanar Nature of Phenyl Nuclei In Diphenyl
Derivatives.

20-2-29/67

corresponding phenyl ketones. The results of the polaregraphical reduction entirely harmonize with this conclusion. All particulars here given about the complicated transmission of interaction in the ketones II and IV can serve as an indication concerning the noncoplanarity of the diphenyl in these compounds as well as in the crystalline condition.

(With 2 illustrations, 2 schedules, 14 citations from publications).

ASSOCIATION	Uralic Polytechnic Institute "S.M.Kirova"
PRESENTED BY	NAZAROV I.I., Member of the Academy
SUBMITTED	25.5.1956
AVAILABLE	Library of Congress
Card 3/3	

TREFILOVA, L.F.

AUTHOR: TREFILOVA, L.F., POSTOVSKIY, I.Ya. 20-1-32/14
 TITLE: Some Derivatives of Diphenyl and their Tuberculostatic Activity.
 (Nekotoryye proizvodnye difenila i ikh tuberkulostaticheskaya
 aktivnost', Russian)
 PERIODICAL: Doklady Akademii Nauk SSSR, 1957, Vol 114, Nr 1, pp 116-119
 (U.S.S.R.)
 ABSTRACT: It is known that anilin possesses tuberculostatic capacity (in
 vitro) in the concentration $2 \cdot 10^{-4}$. The derivatives of aromatic
 amines (of tuberculostatic compounds) comprise also the asometines.
 Experimental results: Asometines, obtained from 4-diphenyl
 aldehyd and aniline (33) exercise no positive influence on the
 growth of tubercles, but asometine (arivate) obtained from
 4-aminodiphenyl and benzaldehyde has great tuberculostatic
 activity ($0,2 \cdot 10^2$).
 Also the compounds 34, 35, 36, 37 remained inactive.
 This tends to show that in the case of antitubercular activity
 the main part is played by the 4-aminodiphenyl and not by the

Card 1/2

20-1-32/64

Some Derivatives of Diphenyl and their Tuberculostatic Activity.
remainder of the diphenyl. (With 2 Tables and several References).

ASSOCIATION: Not given
PRESENTED BY:
SUBMITTED:
AVAILABLE: Library of Congress

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10

CA

PROCESSES AND PREPARATIONS

The action of bromine on γ -diketones dissolved in hydrobromic acid. I. A. TERPIL'EV AND E. A. GOROSHKO. *J. Russ. Phys. Chem. Soc.* 62, 641-62; *Khim. Zhur.* 5, Sci. Pt. 35-40 (1930).—The action of Br on $(CH_3)_2C(OH)CH_2CH_2C(OH)(CH_3)_2$ (I) is here investigated. To 4-5 drops of I in a test tube maintained at -15° are added 2 cc. of HBr (d. 1.70), cooled to -15° and then 0-7 drops of Br; the resulting orange crystals begin in a few mins. to disintegrate with brown and a profuse liberation of HBr gas, which, on removing the tube from the freezing mixt., becomes intensified, the product beginning to boil and becoming colorless; a few more drops of Br are added, the solidifying mass is placed in a H_2SO_4 desiccator, later the crystals are transferred to a drying plate and into a NaOH desiccator, white needles, stable in the air and not decompd. by H_2O , m. 180° , analyzing for $C_8H_{10}OBr_2$ (II) than to the C is closer to the 14.61% C of dimethylpentabromofuran, $C_8H_8OBr_5$ (III) than to the 14.16% C of the penta-Br deriv. product of I, which leads to the presumption that I in the process of bromination is cyclized to a furan with splitting off of 1 mol. of H_2O . To elucidate this question, α,α' -dimethylfuran (III) was brominated in the presence of HBr by the method described above, giving a product m. 180° and analyzing for $C_8H_{10}OBr_2$. III was also brominated without HBr by exposing it to the vapors of Br in a desiccator for a few days, the resulting crystals were dissolved in warm $CHCl_3$ and dried on a drying plate in a desiccator contg. NaOH and paraffin, crystals m. 180° , identical with the 2 previous bromides. The identity of the products of bromination of I and III indicates the metalepsy and at the same time the cyclization of I to furan, which takes place immediately on addn. of HBr, for the subsequent addition of Br causes a sudden pptn. of crystals, which may be taken as belonging to the class of oxonium derivs. This is indicated by their instability manifesting itself in rapid brown discoloration and the following complete decompn., as well as by the similarity of prepn and properties with oxonium derivs. of carbottaric acid obtained by bromination of diacetylsuccinic ester in the presence of HBr (Trenl'ev and Raunov, *C. A.* 23, 4448). The action of I on I in the presence of III was studied without securing definite results and will be continued.

CHAS. BLANC

ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION

Hydrogenation of wood tar from gas generation. I. A. Trefilov and A. N. Filaretov. *Ukrain. Khim. Zhur.* 10, 740 (1935); cf. C. A. 29, 8291^a.—Unlike peat and brown-coal tar the immediate hydrogenation of the entire tar in 2 steps is the best method for wood tar. The fraction obtained on hydrogenation at elevated temp. (180° and 200°) gave increased yield of C₁₀H₈, PhMe, C₁₀H₆Me, and C₁₀H₆. I. G. Tolm

1ST AND 2ND CODERS

PROCESSES AND PROPERTIES INDEX

3rd AND 4th CODERS

ca

Hydrogenation of peat tar. I. A. Trefil'ev and K. A. Hushman. *Ukrain. Khim. Zhur.* 10, 2307 (1965). A peat-tar fraction b. 180-300°, being 25% of the total and contg. 44% phenols by vol., was treated with H₂ at 470-500° and 80-2 atm. for 90 min. with 5% MoS₃ as a catalyst. The resulting product contains only 0.8% phenols. Of the hydrocarbons obtained, b. 75-200°, 45.2% are aromatic, 30.2% naphthenes and 23.8% paraffins. The second fraction, amounting to 53.0% of the total tar, b. above 300°, was treated at 530-600° with H₂ at 80 atm. with 8.6% MoS₃ + ZnCl₂ as catalyst for 90 min. The resulting product contained 4% by vol. phenols and 21.5% oily matter of d₄²⁰ = 0.9191; 30% of this oil b. 122-150°. I. G. Toloin

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ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

1ST AND 2ND CODERS

3rd AND 4th CODERS

5TH AND 6TH CODERS

Thermal calculations for determining the reactivity of carbon monoxide. 1. A. TREBIL'Y AND S. A. KOSTRO. *Gornii Zhur* 13, No. 10/11, 11-17 (1930); *Chem. Zentr* 1931, 1, 2320.—The properties of org. compds. depend not so much upon the total heat (one as upon the additional heat energy which the authors designate by the term "thermal difference" and calcd. according to the formula: (heat of combustion—sum of the heat effects of the components) \times 100/sum of the heat effects of the components. For $C_{12}H_6$ it amts. to -7.07% (-28.18 Cal.); for $C_{12}H_4$ $+4.72\%$ ($+16.60$ Cal.); and for $C_{12}H_2$ $+19.32\%$ ($+69.68$ Cal.). The "thermal difference" calcd. in this way for CO is $+19.69\%$, almost the same as for $C_{12}H_2$. Therefore, $CO \rightarrow C + CO_2$ activity similar to that of $C_{12}H_2$. By numerous reactions such as $2CO \rightarrow C + CO_2$, the reaction between CO and H_2 , etc., it is shown that this analogy actually exists. Analysis of the gases from the distn. of hard coal it was established that with increasing temp. of distn. the CO content of the gases decreases. Cellulose was heated from day to day, 30 atm. pressure in a hydrogenizing bomb. The pressure decreased from day to day, which indicated the decrease of CO_2 as well as of combined CO . After the exp't. the cellulose was extensively oxidized. M. G. MOORE

TOP AND THE BOTTOM		TOP AND THE BOTTOM	
<div style="position: absolute; top: 10px; left: 10px; font-size: 2em; font-weight: bold;">CA</div> <div style="position: absolute; top: 10px; right: 10px; font-size: 2em; font-weight: bold;">10</div> <div style="position: absolute; top: 100px; left: 100px;"> <p> SYNOPSIS. Oxazolin compounds of the furan series. I. A. Treilery and E. V. Lifanov. <i>J. Gen. Chem. (U. S. S. R.)</i> 11, 183-9 (1941); cf. <i>C. A.</i> 26, 4782. $\text{Ac}_2\text{CHCH}_2\text{Ac}$, (I) reacts at relatively low temp. with concd. HBr with the formation of 2,5-dimethyl-3,4-diacetylfuran (II), m. 63-4°. When to I in concd. HBr is added Br in HBr crystals are obtained the analysis of which corresponds rather closely to $\text{C}_{11}\text{H}_7\text{Br}_2\text{O}_4$, thus indicating that 4 hr have been added. The same results are obtained when II in CHCl_3 is treated with Br in CHCl_3. The addn. product decomps. with loss of Br. When I is used instead of Br, the addn. product is $\text{C}_{11}\text{H}_7\text{Br}_2\text{O}_4$. Treatment of di-Et α,β-dibenzoylsuccinate (III) with concd. HBr leads not to the expected di-Et 2,5 diphenyl-3,4-furandicarboxylate but to a compd., m 87°, the analysis of which indicates that it is the mono-E ester of 2,5-diphenyl-3,4-furandicarboxylic acid. Whe III is treated with Br vapors, a di-Br deriv. of III is formed. 2-Methylfuran on reaction with concd. HBr and Br at room temp. and at -10° gives no cryst. reaction product but a black polymerization product. Other derivs. of furan contg. a substituent in the 2-position react also with concd. HBr and Br with the formation of polymers. The influence of the various substituents on the reaction mechanism is discussed. Gertrude Berend </p> </div>			
ASM-A-1A METALLURGICAL LITERATURE CLASSIFICATION		RESEARCH REPORT	
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RESEARCH REPORT		RESEARCH REPORT	

Hydrogenation of "malherka" [Nicotiana rustica tobacco] dust and resin. I. A. Trell'ev, R. L. Frutkin and K. A. Rustman. *Sborn. Rabot Khim. Otdela* 1933, 120-46.—When hydrogenated in presence of various catalysts (Fe_2O_3 ; Mn ore), *N. rustica*, its scrap or its resin yields highly toxic liquid products; the optimum conditions for obtaining these are given. When the products thus obtained from the resin are fractionally distilled, the content of aromatic and naphthenic hydrocarbons in the fractions increases, and that of olefins and paraffins decreases, as distn. proceeds. B. C. A.

1ST AND 2ND ORDERS

PROCESSES AND PROPERTIES INDEX

100 AND 2TH ORDERS

21

Two-stage hydrogenation of Ukrainian lignite. I. A. Trefil'ev, K. A. Bushman and R. A. Petrenko. *Gorn'ye Zhurn.* 15, No. 8, 8-13(1932); *Chem. Zentr.* 1933, I, 2300; cf. preceding abstract.—The most satisfactory temps. and pressures for the hydrogenation of Ukrainian lignite were observed in several expts. The temp. of 440-75° ordinarily used for cracking is unsuitable for hydrogenation. Expts. indicate that the highest yield of hydrogenated products was obtained at 395-415°. Above 430-75° any possibility of hydrogenation, even at high H₂ pressures, is excluded.
M. G. Moore

ASB-11.8 METALLURGICAL LITERATURE CLASSIFICATION

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CA

Low-temperature carbonization of brown coals from Ukrainian deposits. I. A. Tyebilev, A. A. Baiko and N. S. Yut. *Khim. Tverdok Topliva* 4, 272-8(1933).—The compn. of Ukrainian brown coal and the yields and compn. of the various products from low-temp. carbonization are given.

A. A. Bochtlingk

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

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Hydrogenation of peat tar. I. A. TAVILIN and
K. A. BUCHMAN (Ukrain. Chem. J., 1935, 10, 230-237).
—The distillate, b.p. 5-110°, yields 31% of good-quality
petrol when hydrogenated at 470-480/60 atm. (1.5 hr.)
in presence of 5% of Ni.
R. T.

BC

B-I-2

Hydrogenation of wood tar. I. A. Tseretkov
(Ukrain. Chem. J., 1935, 10, 400-409).—31% of liquid
hydrocarbons, b.p. < 180°, are obtained by hydrogen-
ation (MoS₃-ZnO catalyst; 480-470°/600 atm.; 45
min.) of wood tar in two stages. The yields of PhMe
are 2.5% and of C₁₂H₆ 1.06% of the wt. of tar taken.
R. T.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

SECTION 1	SECTION 2	SECTION 3	SECTION 4
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

COMMON ELEMENTS		PROCESS AND PROPERTIES INDEX		COMMON VARIANTS INDEX	
13		A-3			
<p>Interaction of bromine and γ-diketones in hydrobromic acid solution. I. A. TREVLIN and E. A. GONOSKO (Ukrain Chem. J., 1990, 8, 33-46).—Pentabromo-2:5-dimethylfuran, m. p. 180°, is prepared by the bromination of acetylacetone or of 2:5-dimethylfuran. Under analogous conditions iodine has no apparent action. R. TRUSKOWSKI.</p>					
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION					
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COMMON ELEMENTS										PROCESSES AND PROPERTIES INDEX										COMMON ELEMENTS									
COMMON ELEMENTS										PROCESSES AND PROPERTIES INDEX										COMMON ELEMENTS									
BC																				B-II-2									
<p>Hydrogenation of <i>Macrocycl</i> (Nicotinic reaction tobacco), dust and resin. I. A. TERNYAN, R. L. FRATIN, and E. A. BUCHANAN (Sborn. Rabot Chim. Otdela, 1935, 129-146).—When hydrogenated in presence of various catalysts (Fe_2O_3, Mo ore), <i>N</i>, rusted, its scrap, or its resin yields highly toxic liquid products, the optimum conditions for obtaining these being given. When the products thus obtained from the resin are fractionally distilled, the content of aromatic and naphthenic hydrocarbons in the fractions increases, and that of olefines and paraffins decreases, as distillation proceeds.</p> <p style="text-align: right;">T. H. P.</p>																													
<p>ASM-SLA METALLURGICAL LITERATURE CLASSIFICATION</p>																													
1ST AND 2ND LETTERS										3RD AND 4TH LETTERS										5TH AND 6TH LETTERS									
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1ST AND 2ND CROSS		PROCESS AND PROPERTIES INDEX		3RD AND 4TH CROSS	
3C				4-1	
<p>Thermal calculations for determining the reactivity of carbon monoxide. I. A. TRAVILAY and S. A. KOSMAN (Gorn. Zhur., 1920, 23, No. 10-11, 11-17).—The "thermal difference" (heat of combustion—sum of heat effects of components) $\times 100$/sum of heat effects of components, is: C_2H_4 -7.07% (-22.18 kg.-cal.), C_2H_2 +4.72% (+15.40 kg.-cal.), C_2H_6 +19.43% (+50.58 kg.-cal.), CO +10.00%. It is shown that the expected similarity in the reactivities of C_2H_4 and CO exists. On raising the temp. of distillation of hard coal the CO content of the gases decreases. When cellulose is heated with CO_2 at 30 atm. the pressure progressively decreases, the cellulose becoming extensively oxidized. CH. ABS.</p>					
ASB-51A METALLURGICAL LITERATURE CLASSIFICATION					
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1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	

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CO

Hydrogenation of Ukrainian soft coal. L. A. Treglovskiy and S. A. Kostin. *Gornoe Zentr.* 1933, No. 6, 13-20; *Chem. Zentr.* 1933, II, 3981; cf. C. A. 26, 4234. The greatest decrease of the H₂ pressure in the hydrogenation of Ukrainian soft coal was observed between 300° and 420°. The yield of benzine was 20%, that of liquid lubricating oil 40-50% of the coal. Optimum conditions for hydrogenation are a high beginning pressure (up to 130 atm.) and a temp. of 420°. M. G. Moore

AS 554 METALLURGICAL LITERATURE CLASSIFICATION

Trefiliev, I. A.

"Reaction de condensation de l'acide succinique avec l'acetyl-acetone." by
Z. F. Stephanovskaja, V. V. Dorofejev and I. A. Trefiliev. (p 518)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1941, Vol 11, No. 7

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50
 A B C D E F G H I J K L M N O P Q R S T U V W X Y Z AA AB AC AD AE AF AG AH AI AJ AK AL AM AN AO AP AQ AR AS AT AU AV AW AX AY AZ BA BB BC BD BE BF BG BH BI BJ BK BL BM BN BO BP BQ BR BS BT BU BV BW BX BY BZ CA CB CC CD CE CF CG CH CI CJ CK CL CM CN CO CP CQ CR CS CT CU CV CW CX CY CZ DA DB DC DE DF DG DH DI DJ DK DL DM DN DO DP DQ DR DS DT DU DV DW DX DY DZ EA EB EC ED EE EF EG EH EI EJ EK EL EM EN EO EP EQ ER ES ET EU EV EW EX EY EZ FA FB FC FD FE FF FG FH FI FJ FK FL FM FN FO FP FQ FR FS FT FU FV FW FX FY FZ GA GB GC GD GE GF GG GH GI GJ GK GL GM GN GO GP GQ GR GS GT GU GV GW GX GY GZ HA HB HC HD HE HF HG HH HI HJ HK HL HM HN HO HP HQ HR HS HT HU HV HW HX HY HZ IA IB IC ID IE IF IG IH II IJ IK IL IM IN IO IP IQ IR IS IT IU IV IW IX IY IZ JA JB JC JD JE JF JG JH JI JJ JK JL JM JN JO JP JQ JR JS JT JU JV JW JX JY JZ KA KB KC KD KE KF KG KH KI KJ KL KM KN KO KP KQ KR KS KT KU KV KW KX KY KZ LA LB LC LD LE LF LG LH LI LJ LK LL LM LN LO LP LQ LR LS LT LU LV LW LX LY LZ MA MB MC MD ME MF MG MH MI MJ MK ML MN MO MP MQ MR MS MT MU MV MW MX MY MZ NA NB NC ND NE NF NG NH NI NJ NK NL NO NP NQ NR NS NT NU NV NW NX NY NZ OA OB OC OD OE OF OG OH OI OJ OK OL OM ON OO OP OQ OR OS OT OU OV OW OX OY OZ PA PB PC PD PE PF PG PH PI PJ PK PL PM PN PO PP PQ PR PS PT PU PV PW PX PY PZ QA QB QC QD QE QF QG QH QI QJ QK QL QM QN QO QQ QR QS QT QU QV QW QX QY QZ RA RB RC RD RE RF RG RH RI RJ RK RL RM RN RO RP RQ RR RS RT RU RV RW RX RY RZ SA SB SC SD SE SF SG SH SI SJ SK SL SM SN SO SP SQ SR SS ST SU SV SW SX SY SZ TA TB TC TD TE TF TG TH TI TJ TK TL TM TN TO TP TQ TR TS TT TU TV TW TX TY TZ UA UB UC UD UE UF UG UH UI UJ UK UL UM UN UO UP UQ UR US UT UU UV UW UX UY UZ VA VB VC VD VE VF VG VH VI VJ VK VL VM VN VO VP VQ VR VS VT VU VV VW VX VY VZ WA WB WC WD WE WF WG WH WI WJ WK WL WM WN WO WP WQ WR WS WT WU WV WW WX WY WZ XA XB XC XD XE XF XG XH XI XJ XK XL XM XN XO XP XQ XR XS XT XU XV XW XX XY XZ YA YB YC YD YE YF YG YH YI YJ YK YL YM YN YO YP YQ YR YS YT YU YV YW YX YY YZ ZA ZB ZC ZD ZE ZF ZG ZH ZI ZJ ZK ZL ZM ZN ZO ZP ZQ ZR ZS ZT ZU ZV ZW ZX ZY ZZ

1ST AND 2ND EDITIONS
 3RD AND 4TH EDITIONS
 PROCESSES AND PRESENTS INDEX

The investigation of the incrustation from the juice heater. L. G. TREFIL'EV AND
 S. A. KOSTRO. *Nauk. Zhurnal Tekhn. Prom.* 9. 432-40 (1937) V. E. B.

OPEN
 MATERIALS INDEX
 ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION
 HIGH STRENGTH
 SECOND 14
 100000-1000000
 COLLECTION
 100000-1000000

IREF ILLEY, V. A.

"Derives du type oxonium de la serie furanique." by Trefiljev, J. A. and Lifanov, E. E.
(p 182)

SO: Journal of General Chemistry (Zhurnal Obshchei Khimii) 1941, vol 11, no 1.

TREFIMOVA, I. V.

USSR/Chemistry - Catalysts Jan 52

"The Structure of the Surface of Disperse Iron," N. A. Shurmovskaya, B. P. Bruns,
I. V. Trefimova

"Zhur Fiz Khim" Vol XXVI, No 1, pp 48-55

Developed method for obtaining water vapor-gas mixts, which permits variation of ratio of components within very wide limits, even when the concn of water vapor is low. Detd adsorption of oxygen from $H_2O - H_2$ by disperse iron contg 2% of Al_2O_3 as promoter with ratios of water vapor to hydrogen from 0.0006 to 0.018. Isotherms of adsorption indicate presence of 2 types of areas on surface having limiting capacities of 0.224 mg/g Fe and 1.868 mg/g Fe and heats of interaction with water vapor of 10,100 cal/mol H_2O and 4,300 cal/mol H_2O .

PA 211T41

ROKYTOVA, K.; TREFNA, B.

Use of a vestibular screen for rehabilitation of nasal breathing
in children. Cesk.otolar.9 no.5:293-298 0'60.

1. Vyzkumny ustav stomatologicky v Praze, reditel doc. MUDr.
Jarmil Kostlan. Katedra detske otorinolaryngologie fakulty
detskeho lekarstvi University Karlovy v Praze, prednosta doc.
MUDr. J. Chvojka.

(ADENOIDS surgery)

(RESPIRATION in inf. & child)

FIAS, J.; TRUBKA, B.

Chemical injury of the esophagus. Cesk. otolaryng. 14 no.5:
236-239 0 1 65

1. Katedra detske otolaryngologic fakulty detskeho lekarstvi
Karlov University v Praze (vedouci - doc. dr. J. Flos, CSc.)

TREFNA E
ROUSAROVA, J.; TREFNA, E. (HMU); ZNAMENACEK, K.

The care of and the falling off of the umbilical stump. Cesk. pediat.
13 no.4:338-344 5 May 58.

1. Ustav pro peci o matku a dite v Praze-Podoli reditel prof. Dr. J. Trapl,
vedouci pediatrickeho sektoru prof. Dr. K. Kubat J. R., Praha-Podoli,
nabr. E. Marx 157.

(UMBILICAL CORD

umbilical stump, healing time (Cz))

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756520003-2

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756520003-2"

TREFNA, E.

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: /not given, except for Popolansky/

Affiliation:

Source: Prague, Meteorologicka Zpravy, Vol XIV, No 1-2, 30 April 1961, pp 8-13

Data: "The Frequency of Thunderstorms and Their Duration on the Territory of the Czechoslovak Socialist Republic."

Authors:

STUCHLIK, F, Hydrometeorological Institute (Hydrometeorologicky ustav), Prague
POPOLANSKY, F, C Sc, Energetics Research Institute (Vyzkumny ustav energeticky), Brno

TREFNA, E, Hydrometeorological Institute, Prague

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1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
<p><i>AMS/A+B</i></p> <p>3.1-163 551.586.615.8 Treinš, E., Význam místního podnebí při plánování klimatických míst. [The importance of local climate in the planning of health resorts.] <i>Meteorologická Zprávy</i>, 4(3-4):86-87, 1950. In Czech. DWR--A short promotional type of article on medical climatology, especially as it relates to selection of health resorts. <i>Subject Headings</i>: 1. Medical climatology 3. Health resorts. -- M.R.</p> <p><i>Jan '52</i></p>																			
<p>ASD-ELA METALLURGICAL LITERATURE CLASSIFICATION</p>																			

"APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756520003-2

PREFACE

APPROVED FOR RELEASE: 03/20/2001

CIA-RDP86-00513R001756520003-2"

TREFNY, DUSAN

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: DVM

Affiliation: /Prague

Source: Prague, Veterinarstvi, Vol ¹¹. No 9, Sept 1961; pp 343-345

Data: "Results of Two Years' Experiences of Finding Tears of Achilles' Tendon
and of its Desinsertion in Slaughter Cattle"

TREFNY, Dusan
KOUDELA, Karel

GPO 981643

C.A.
1931

nd /
Fuels and Carbonization
Products

Methods of obtaining the most favorable yield of carbonaceous by-products in coking with special consideration of the equalizing collector main. Franz Trefny (Oberhausen, Ger.). *Glückauf* 87, 537-51 (1931).—A description of various coking processes and the methods used in these for controlling the yield of by-products. 38 references.
A. J. Abbott

TREFNY, Frantisek

Measurement of cervical spinal cord thickness in perimyelography with the myodil. Cesk. rentg. 12 no.4:243-245 Dec 58.

1. Klinicka zakladna rentgen. katedry UDL, Praha 8-Bulovka, prednosta prim. dr. Josef Slanina. Fr. T., primar rtg odd. Pribram, nemocnice.

(SPINAL CORD, radiography

perimyelography with ethyl iodophenylundecylate, value in determ. of cervical spinal cord thickness (Cz))

(CONTRAST MEDIA

ethyl iodophenylundecylate in perimyelography (Cz))

~~TREFFNY, Frantisek~~

Stenoscone, an apparatus to prevent dazzling by negatoscopes. Cesk. rentg.
12 no.4:272-273 Dec 58.

1..Klinicka zakladna rtg katedry Ustavu pro doskolovani lekaru, pred-
nosta prim. MUDr. Josef Slanina, Praha - 8, Bulovka, Fr. T., prednosta
rtg odd. Pribram, nemocnice.

(ROENTGENOGRAPHY, appar. & instruments

stenoscope appar. in prev. of dazzling by negatoscopes
(Gz))

KRIVINKA, R.; TREFNY, J.

Future of control of tuberculosis in Czechoslovakia. Cas. lek. cesk.
97 no.23-24:734-735 6 June 58.

1. Vyzkumny ustav tuberkulose v Praze, reditel doc. dr. R. Krivinka.
R. K., Praha 8-Liben, v Holesovickach 26.) J. T., Praha 8-Liben,
Lindnerova 9.

(TUBERCULOSIS, prevention and control,
in Czech. (Cz))

CZECHOSLOVAKIA

THLSPHY, J.

Research Institute of Tuberculosis (Výzkumný ústav
tuberkulózy), Prague

Prague, Ročníky v tuberkulóze, No 6-7, 1963, pp 426-430

"Mortality in Tuberculous Subjects for the Year 1961 in
the District of Kolin."

KRIVINKA, R. Doc. MUDr.; TREFNY, J. MUDr.

From an analysis of the epidemiological situation to concrete tasks
of further fight against tuberculosis. Cesk. zdravot. 6 no.3:111-118
Apr 58.

1. Vyzkumny ustav tuberkulose v Praze.
(TUBERCULOSIS, prev. & control
in Czech. (Cz))

TREFNY, J.

2

CZECHOSLOVAKIA

FELKEL, H; SPOUSTA, J; TREFNY, J.

Research Institute of Tuberculosis (Vyzkumny ustav
tuberkulozy), Prague - (for all)

Prague, Rozhledy v tuberkulose, No 2, 1963, pp 136-139

"The Problem of the Recalcitrant Tuberculosis Patient."

TREFNÝ, J; REIL, I.

Czechoslovakia

Experimental Institute of Tuberculosis in Prague --
Prague (Výzkumný ústav tuberkulózy v Praze --
Praha); Director: R. Křivinka, Docent Dr.

Prague, Rozhledy v tuberkulóze, No 1, 1963, pp 4-6

"Review on the Expansion of Photofluorography in
Czechoslovakia during the Period 1954-1961."

BORISENKO, Aleksandr Ivanovich; TARAPOV, Ivan Yevgen'yevich; BLANK,
Ya.P., prof., otv.red.; GERMAN, V.L., prof., otv.red.;
TRBT'YAKOVA, A.N., red.; TROFIMENKO, A.S., tekhn.red.

[Vector analysis and the beginnings of the calculus of tensors]
Vektornyĭ analiz i nachala tenzornogo ischisleniia. Khar'kov,
Izd-vo Khar'kovskogo gos.univ., 1959. 237 p. (MIRA 13:8)
(Calculus of tensors) (Vector analysis)

POGORELOV, Aleksey Vasil'yevich; BLANK, Ya.P., prof., otv.red.;
TRET'YAKOVA, A.N., red.; TROFIMENKO, A.S., tekhn.red.

[Some problems pertaining to the theory of surfaces in an
elliptic space] Nekotorye voprosy teorii poverkhnostei v
ellipticheskom prostranstve. Khar'kov, Izd-vo Khar'kovskogo
gos.univ., 1960. 91 p. (MIRA 13:8)
(Surfaces) (Spaces, Generalized)

TREFNY, J.

Technical factory library. p.266. CHEMICKY PRUMYSL. (Ministerstvo chemickeho prumyslu) Praha. Vol. 5, No. 6, June 1955.

SOURCE: East European Accessions List, (EEAL) Library of Congress, Vol. 4, No. 12, December 1955.

TREFNY, J.

Organization of roentgenologic services in hospitals. Cesk. nemoc.
18 no.3:77-78 Mar-Apr 1950. (GIML 23:2)

1. Prague.

THEFNY, J.

Review of further contributions to the discussion on the organization
of roentgenologic services in a hospital. Cesk. nemoc. 18 no.10:194-
196 Dec 1950. (CIML 23:2)

1. Prague.

~~TREFFY Jiri MUDr~~

Control of tuberculosis in rural areas. Cesk. zdravot. 4 no.9:
496-502 Sept 56.

1. Vyzkumny ustav tuberkulosy v Praze.
(TUBERCULOSIS, prevention and control,
in Czech., in rural areas (Cz))

TREFNY, J.

"Conference on industrial utilization of technical glass. p.43" ZA SOCIAL&
ISTICKOU VEDU A TECHNIKU, Vol.3, no.1, Jan 1953. Czechoslovakia.

SO: Monthly List of East European Accessions, Vol.2, No.11, Nov. 1953.
Uncl.